

PR #17

Sheet 1 of 9

FORM PTO-1443

U.S. Dept. of Commerce  
Patent and Trademark OfficeAtty Docket No.  
150C1Serial No.  
07/205,419

## LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

Applicant  
SHMUEL CABILLY ET AL.Filing Date  
10 June 1988Group 185  
1644

## U.S. PATENT DOCUMENTS

*Examiner Initials	Document Number	Date	Name	Class	Subclass	Filing Date
Me	AA 4,444,878	4/14/83	PAULUS			
	AB 4,512,922	4/14/83	JONES ET AL.			
	AC 4,518,584	5/1/83	MARKE ET AL.			
	AD 4,704,362	11/3/87	ITAKURA ET AL.			
	AE 4,403,036	7/6/83	HARTLEY ET AL.			
ME	AF 4,482,334	2/10/83	MOONIE ET AL.			
	AG					
	AH					
	AI					
	AJ					
	AK					

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes	No
Me	AL 0057107	3/9/83	EP				
	AM 0073656	3/9/83	EP				
	AN 0068763	1/5/83	EP				
	AO 0120694	10/3/81	EP				
	AP 0037723	10/14/83	JP				

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Dolby et al. <u>Proc Natl. Acad. Sci.</u> 77(10):6027-6031 (1980)
FS	Rice et al. <u>Proc. Natl. Acad. Sci.</u> 77:7862-7865 (1982)
AT	Accolla et al. <u>Proc. Natl. Acad. Sci.</u> 77(1):563-566 (1980)
AU	Raso et al. <u>Cancer Res.</u> 41:2073-2078 (1981)
AV	Nisonoff et al. <u>Arch. Biochem. Biophys.</u> 93:460-462 (1960)
AW	Glennie et al. <u>Nature</u> 295:712-714 (1982)
AX	Eisen <u>Immunology</u> Harper & Row, Publishers, pp. 415 and 428-436 (1974)

Examiner

Philip GIMBEL 10/15/81

Date Considered

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USCOMM-DC 80-398.

FORM PTO-1449\*

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## U.S. PATENT DOCUMENTS

*Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
	BA						
	BB						
	BC						
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## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	No
M	BL	041313	12/9	EP				
	BM	041767	12/16/81	EP				
	BN	055945	7/14/84	EP				
	BO	075444	3/30/83	EP				
	BP	088994	9/11/83	EP				

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	BR	Hozumi et al. <u>Nuc. Acids. Res.</u> 5(6):1779-1799 (1978)
	ES	Wetzel et al. <u>Gene</u> 16:63-71 (1981)
	BT	Williams et al. <u>Science</u> 215:687-689 (1982)
	BU	Falkner et al. <u>Nature</u> 298:286-288 (1982)
	BV	Boss et al. <u>Gene Expressions-Proc. Cetus-UCLA Symposium</u> pp. 513-522, March 26-April 1, 1983
	BW	Amster et al. <u>Nucleic Acid Research</u> 8(9):2055-2065 (1980)
M	BX	DeBoer et al., Rodriguez et al. (Ed.) <u>Promoters</u> 462-481 (1982)

Examiner

PITNEY GAMBL 10/8/81

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	CA						
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## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	No
MG	CL	0125023	11/14/84	EP				
	CM							
	CN							
	CO							
	CP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

M	CR	Gough <u>Tibs</u> 6(8):203-205 (August, 1981)
	CS	Morrison <u>J. of Immunology</u> 123(2):793-800 (August, 1979)
	CT	Kohler <u>Proc. Natl. Acad. Sci.</u> 77(4):2197-2199 (April, 1980)
	CU	Roberts <u>Promoters</u> 452-461 (1982)
	CV	Kemp et al. <u>Proc. Natl. Acad. Sci.</u> 78(7):4520-4524 (July, 1981)
	CW	Valle et al. <u>Nature</u> 300:71-74 (November 4, 1982)
M	CX	Microbiology 3rd edition, Harper Int. Ed. 338-379 (1980)

Examiner

Philip Gombier

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	DA						
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## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	No
	DL							
	DM							
	DN							
	DO							
	DP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DR	Hitzeman et al. <u>Science</u> 219:620-625 (1983)
HS	Mercereau-Puijalon et al. <u>Expression of Eukaryotic Viral and Cellular Genes</u> MERCEREAU-PUJALON ET AL. in "EXPRESSION OF EUKARYOTIC VIRAL AND CELLULAR GENES", PETTERSSON ET AL. (ED) 295-303 (1981) Academic Pr.
DT	Pettersson et al. (Ed.) 295-303 (1981) Academic Pr.
DU	Keshet et al. <u>Nucleic Acids Res.</u> 9(1):19-30 (1981)
DV	Taniguchi et al. <u>Proc. Natl. Acad. Sci.</u> 77(9):5230-5233 (1980)
DW	Ohsuye et al. <u>Nucleic Acids Res.</u> 11(5):1283-1295 (1983)
DX	Kadonaga et al. <u>J. Biol. Chem.</u> 259(4):2149-2154 (1984)

Examiner

Philip Gambel 10/5707

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FORM PTO-144S

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## U.S. PATENT DOCUMENTS

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	EA						
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## FOREIGN PATENT DOCUMENTS

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	EL							
	EM							
	EN							
	EO							
	EP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>M</i>	ER	Maniatis <u>Molecular Cloning</u> p.433 (September, 1985)
<i>L</i>	ES	Fujisawa et al. <u>Nucleic Acids Res.</u> 11(11):3581-3591 (1983)
<i>L</i>	ET	Roberts <u>Promoters Structures and Function</u> Rodriguez, R. L. (Ed.) 452-461 (1982)
<i>L</i>	EU	Adams et al. <u>Biochemistry</u> 19:2711-2719 (1980)
<i>L</i>	EV	Haley et al. <u>DNA</u> 1:155-162 (1982)
<i>L</i>	EW	Gough et al. <u>Biochemistry</u> 19:2702-2710 (1980)
<i>M</i>	EX	Iserentant et al. <u>Gene</u> 9:1-12 (1980)

Examiner

*PHILLIP GRIMALDI* 10/5/81

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	FA						
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## FOREIGN PATENT DOCUMENTS

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	FL							
	FM							
	FN							
	FO							
	FP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

M	FR	Seidman et al. <u>Nature</u> 271:582-585 (1978)
(	FS	Stevens et al. <u>J. Mol. Biol.</u> 78:517-525 (1973)
	FT	Deacon et al. <u>Biochem. Soc. Trans.</u> 4:818-820 (1976)
	FU	Colman et al. <u>Cell</u> 17:517-526 (1979)
	FV	Valle et al. <u>Nature</u> 291:338-340 (1981)
	FW	Colman et al. <u>J. Mol. Biol.</u> 160:459-474 (September, 1982)
M	FX	Cowan et al. <u>J. Mol. Biol.</u> 90:691-701 (1974)

Examiner GAMBER 10/5/01 Date Considered

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	GA						
	GB						
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## FOREIGN PATENT DOCUMENTS

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	GL							
	GM							
	GN							
	GO							
	GP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

M	GR	Morrison et al. <u>J. Immunol.</u> 114:655-659 (1975)
/	GS	Mosmann et al. <u>J. Immunol.</u> 115:955-962 (1975)
/	GT	Levy et al. <u>Proc. Nat. Acad. Sci.</u> 75:2411-2415 (1978)
/	GU	Robertson et al. <u>Nature</u> 287:390-392 (1980)
/	GV	Mosmann et al. <u>Cell</u> 20:283-292 (1980)
/	GW	Wilde et al. <u>Eur. J. Immunol.</u> 10:462-467 (1980)
M	GX	Ochi et al. <u>Nature</u> 302:340-342 (March 24, 1983)

Examiner

GAMMALE 10/5/81

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	HA					
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	HL						
	HM						
	HN						
	HO						
	HP						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

HR	Kemp et al. in Nagley et al., Ed., Manipulation and Expression of Genes in Eukaryotes Proceedings of an International Conference, 12th International Congress of Biochemistry, in Australia 9-13 August, 1982 (1983)
HS	Picard et al. Proc. Nat. Acad. Sci. 80:417-421 (January, 1983)
HT	Oi et al. Proc. Nat. Acad. Sci. 80:825-829 (February, 1983)
HU	Hawley et al. Proc. Nat. Acad. Sci. 79:7425-7429 (December, 1982)
HV	Boss et al. Immunology Today 6(1):12-13 (1985)
HW	Lewin, Ed. Genes 3rd Edition, 359-360 (1987)
HX	Skerra et al. Science 240:1038-1040 (1988)

Examiner

Gasmayer 10/5/81

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	IA						
	IB						
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	IL							
	IM							
	IN							
	IO							
	IP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Kf</i>	IR	Kohler et al. <u>Eur. J. Immunol.</u> 6:292-295 (1976)
	IS	
	IT	
	IU	
	IV	
	IW	
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